Field Service Bulletin No. 47

Order No.: DD+DIS127.01E

1 piece UQHC3 MA1

ADC Compact
Type 5145 / 100/101/140

Path Speed CR MP3010
Type 5145 / 200/201/240

Rating			When?		
safety relevant	reliability	new function	immediately	next service	as required
		X			X

Please file this document in section 13 of your technical documentation

New ADC Cassettes for Mammo and Asymmetric Scanning introduced

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AGFA

1 General

Two new types of ADC Cassettes are introduced:

- ADC Mammo Cassette for implant imaging
- ADC Cassette for asymmetric scanning

1.1 Software Requirements

ADC Compact Digitizer:	≥ COP_1308
ADC Solo Digitizer:	≥ SOL_1213
PRID Software:	≥ 1.2.09
CCM tool:	≥ 1.1.06

2 Short Description of the ADC Mammo Cassette

The ADC Mammo Cassette is only foreseen for mammography of breast implants and must not be used for other mammographic applications or diagnostics!

Identification:
The cassette is labeled with “Mammo” on both sides and with “Implants” on the tube side.
The cassette is preinitialised as a Mammo Cassette, but if the identification is lost, it can be given via the ID Station.

Formats:
The ADC Mammo Cassette is available in two formats:

- 18 cm x 24 cm
- 24 cm x 30 cm

Specification:
The ADC Mammo Cassette contains normally a regular ADC MD30 image plate. This type of image plate has a special phosphor layer which results in a high dynamic range. The cassette is equipped with a special hinge in order to reduce the chest wall distance to the image plate.

The Mammo Cassette is intended to follow up implants (silicone, prosthesis) to check for position, leaks or calcifications.

3 Short Description of the ADC Cassette for Asymmetric Scanning

Identification:

A Cassette for asymmetric scanning can be identified by a red hatching covering less than the half of the cassette side. (see Figure 1)

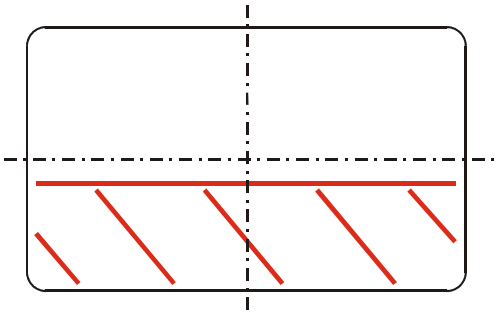

Figure 1

Formats:
The ADC Asymmetric Cassette is available in:

- 21 cm x 43 cm (asymmetric partial scan of dedicated 35 x 43 cassettes)

Specification:
The Asymmetric Cassette is dedicated for X-ray exposures where no centered positioning of the part of the body is possible (e.g. side view of a spinal column).